

## 8.0 Regulatory

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of this equipment is a label that contains, among other information, a product identifier in the format US:6CA OT 01BIVI6000. If requested, this number must be provided to the telephone company.

All jacks are RJ-11

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3).

If this equipment (IVI6000C) causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

If trouble is experienced with this equipment model IVI6000C, for repair or warranty information, please contact Sittelle Solutions Intl., [www.sittelletech.com](http://www.sittelletech.com). If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

This equipment is of a type that is not intended to be repaired.

This equipment is not compatible with party lines. Connection to party line service is subject to state tariffs.

Contact the state public utility commission, public service commission or corporation commission for information.

If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this IVI6000C does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

### FCC Part 15 Notice

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the manufacturer's instruction manual, may cause interference with radio and television reception. This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference.
- 2) This device must accept any interference received, including interference that may cause undesired operation.

This Class B digital apparatus complies with Canadian ICES-003.

## 9.0 Limited Warranty

The manufacturer, Seenov inc., warrants to the original purchaser that this product is free from defects in materials or workmanship for a period of five (5) years from the date of purchase. During the warranty period, the product will be repaired or replaced (with the same or similar model) at our option, without charge for either parts or labor. This warranty shall not apply if the product is modified, tampered with, misused, or subjected to abnormal working conditions.

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE PURCHASER. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, AND Seenov inc. SHALL IN NO EVENT BE LIABLE TO PURCHASER FOR INDIRECT OR CONSEQUENTIAL DAMAGES OF ANY KIND OR CHARACTER.

Some states do not allow the exclusion or limitation of incidental or consequential damages or allow limitations on how long an implied warranty lasts, so the above limitations or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.



## IVI6000C INTERCOM INTERFACE INSTALLATION MANUAL REV. 17

### 1.0 Equipment Description and Operation

#### 1.1 General

The IVI6000C Intercom Digital Phone Interface switches the subscriber port(2) from the Intercom/Telco port(3) to the MTA Digital Phone port(1). The IVI6000C will operate with or without telephone service connected to the Intercom system. The IVI6000C is compatible with 14 to 48 volts battery intercom systems. The MTA port(1) powers the IVI6000C. If battery is removed from the MTA port(1), the IVI6000C will switch to the Intercom/Telco port(3) in less than 15 Seconds.

#### 1.2 Porting

Factory setting: Defaults to the MTA port(1), switches back and forth with Intercom ringing. The reset will force the IVI6000C to connect the subscriber to the Intercom port(3). **The reset must be activated while the subscriber port(2) is on-hook. A ring on the MTA port(1) will automatically return the IVI6000C to normal mode defaulted to the MTA Port(1).**

#### 1.3 Intercom Ringing With Subscriber On-Hook

While the subscriber port(2) is on-hook, a ringing signal on the Intercom port(3) will cause the IVI6000C to switch automatically to the Intercom port(3).

#### 1.4 Intercom Ringing With Subscriber Off-Hook

While the subscriber port(2) is off-hook, a ringing signal on the Intercom port(3) will cause the IVI6000C to generate a series of tones to indicate that the Intercom port(3) is ringing. **During and after the tones, the subscriber can use the hook-flash key or the # key on the telephone to answer the Intercom (use double # with cordless phones).** The MTA port(1) is placed on hold and the subscriber is switched to the Intercom port(3).

#### 1.5 Switch Back From Intercom

If the call on the Intercom port(3) is not answered the IVI6000C will switch back automatically. If the call is answered **and must last at least 4 seconds**, the IVI6000C will switch back automatically to the MTA port(1) at the end of the intercom door entry signal. After 4 seconds, a hook flash will also cause the IVI6000C to switch back to the MTA port(1). The IVI6000C will automatically time out after 45 seconds and switch back to the MTA port(1).

### 2.0 Safety First Caution!



Please read and take time to understand all instructions:

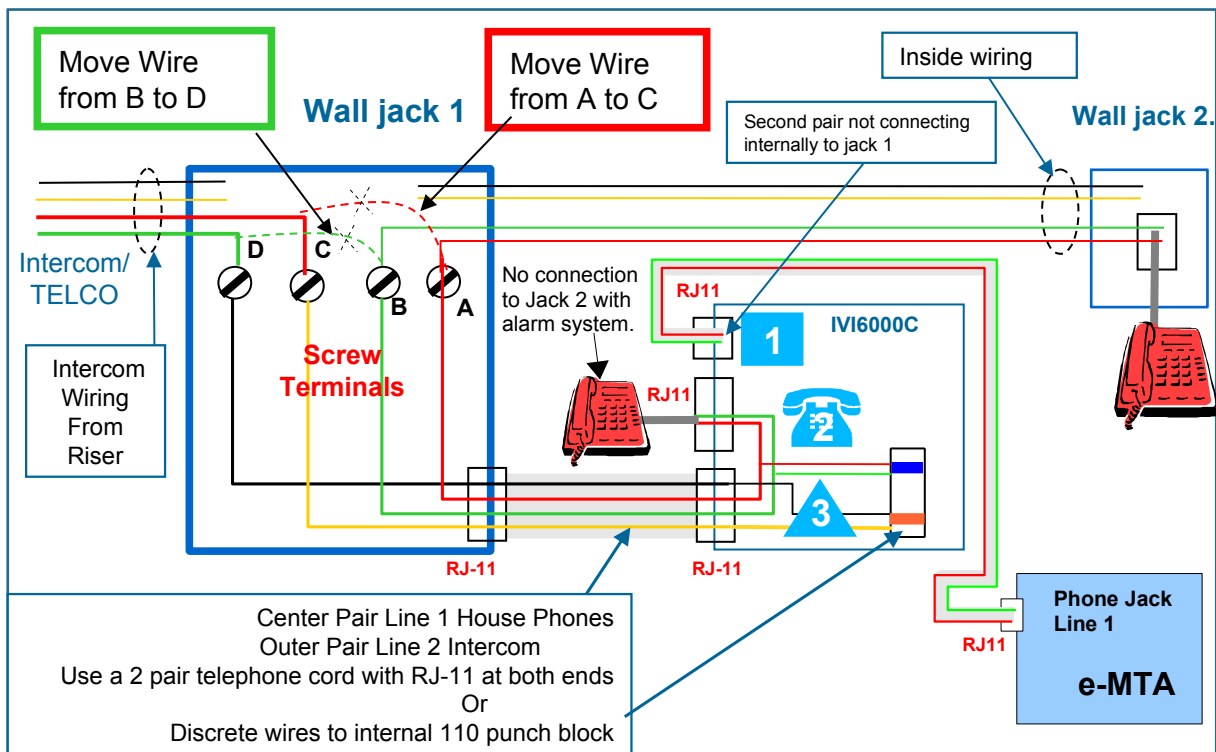
- a) Never install telephone wiring during a lightning storm.
- b) Never install telephone jacks in wet locations unless the jack is specifically designed for use in wet locations.
- c) Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected.
- d) Use caution when installing or modifying telephone lines.
- e) Hazardous voltages may be present on the TELCO and MTA port while connecting the Intercom Interface to telephone lines.
- f) Installation personnel should avoid being in direct contact with non-insulated telephone wires or connector terminals.

### 3.0 Installations

#### General

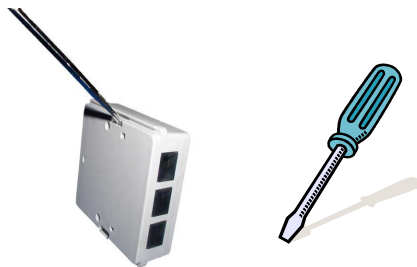
- a- Locate the first jack in the apartment and separate the Intercom wiring from the inside wiring. Move wires from A to C and from B to D as shown in section 3.1.
- b- Connect jack 3 of the IVI6000C to the modified wall jack with a 2 pair satin telephone cord as shown or use discrete wires from A,B,C and D to the internal 110 punch block.
- c- Connect the e-MTA to jack 1 of the IVI6000C.

### 3.1 Connection Diagram

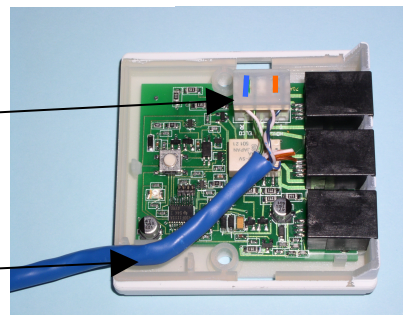


### 3.2 Connecting the Intercom VoIP Interface Model IVI6000C with discrete wiring

Use a screwdriver to open the cover:  
Insert the screwdriver between the  
body bottom and the clip, angled  
as shown, then twist gently to pop  
the cap off. Repeat for the other side.



Insert the wires into the 110 block. Trim the excess.  
Place the insertion cap over the wires and push  
straight down on the cap until the cap is flush with  
the colored portion of the 110 block.



Place the cable in the wire retaining guides,  
Close the cover.

### 4.0 Testing the Intercom Interface

- 1- Follow the normal procedure to activate the Digital Phone Service and the e-MTA.
- 2- Connect a telephone directly to the e-MTA phone jack and verify that the phone service is working.
- 3- Re-connect the e-MTA phone jack to the IVI6000C port(1) and wait 15 seconds.
- 4- Verify the house telephones have dial tone and are connected to the Digital Phone Service. If not ring the Digital phone line by calling it from a cell phone or other line.
- 5- While on-Hook on the Digital Phone service, request a call from the building intercom.
- 6- Verify the house telephones ring.
- 7- Answer the call wait 4 seconds and hang-up.
- 8- Wait 30 seconds and verify the house telephones have dial tone and are connected to the Digital Phone service.

#### Porting:

- 1- If the telephone number is not ported and the Digital Phone Service is not active, insert a fine object into the reset hole on the top of the IVI6000C and push delicately for 1 second. The IVI6000C will reset to the Telco/Intercom port(3).
- 2- Verify the house telephones have dial tone from the Telco/Intercom.
- 3- The first ring on the Digital phone port(1) will activate the porting and the IVI6000C will default to the Digital Phone port(1).

### 5.0 Troubleshooting

#### 1- The house telephones do not ring:

Disconnect the e-MTA to Intercom VoIP Interface connection at the e-MTA. Connect a telephone at the e-MTA. Call the e-MTA number. If the telephone does not ring the problem is with the e-MTA or service activation. If the telephone rings verify the e-MTA to Intercom Interface wiring and the Intercom VoIP Interface to house wiring. Verify the Intercom is connected to the second pair of the IVI6000C port(3).

#### 2- The house telephones do not ring with an incoming Intercom or Telco call:

Verify the Telco to Intercom is connected to the second pair on port(3).

### 6.0 Limitations

The Intercom VoIP Interface must not be used with public coin phone service provided by the telephone company or on party lines.

### 7.0 Technical Information

|                                  |  |
|----------------------------------|--|
| Intercom Line Operating Voltage: | 14-60 VDC                                      |
| Temperature:                     | -20 °F to +140 °F                              |
| Humidity:                        | 75% Non condensing                             |
| Switch Time:                     | 1/2 to 2 ring cycles                           |
| Ring Detection:                  | 50 to 115 VAC at 20 Hz +/- 20%                 |
| Regulatory:                      | UL 1863 , FCC part 15, part 68, CS03, ICES-003 |
| Subscriber Unit Module Weight:   | Approx. 2.5 oz                                 |